

Southern Illinois University

Broadleaf Weed Control with F9387 in Corn.

Trial ID: 13-21M-EE50 Location: Belleville Res. Center Trial Year: 2013
Investigator: Bryan Young

Trial Status: F one-year/final Initiation Date: 6-14-13 Completion Date: 11-7-13		Trial Location
City: Belleville State/Prov.: Illinois IL Postal Code: 62221	Country: USA	

Objectives: Evaluate broadleaf weed control with F9387 in corn.

Study Director: Bryan Young Organization: Southern Illinois University Address: 1205 Lincoln Drive - AG 176 - MC 4415 City+State/Prov: Carbondale IL Postal Code: 62901 Country: USA		Title: Professor Phone No.: 618-453-7679 Mobile No.: 618-713-6471 E-mail: bgyoung@siu.edu
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Crop 1: ZEAMD Zea mays indentata Dent corn Variety: DKC 63-33 BBCH Scale: BCOR Description: SS RIB		Crop Description
Planting Rate, Unit: 28000 S/A Depth, Unit: 1.5 IN Row Spacing, Unit: 30 IN		
Planting Date: 6-14-13 Planting Method: SEEDED		

Pest 1 Type: W Code: AMBTR Ambrosia trifida L. Common Name: ragweed, giant		Pest Description
Pest 2 Type: W Code: ABUTH Abutilon theophrasti Medik. Common Name: velvetleaf		
Pest 3 Type: W Code: AMATA Amaranthus rudis Sauer Common Name: waterhemp, common		
Pest 4 Type: W Code: IPOHE Ipomoea hederacea (L.) Jacq. Common Name: morningglory, ivyleaf		

Treated Plot Width: 7.5 FT Total Plot Width: 10 FT Treated Plot Length: 30 FT Total Plot Length: 30 FT		Site and Design Site Type: FIELD Experimental Unit: 1 PLOT Tillage Type: REDTIL reduced-till Study Design: RACOB� Randomized Complete Block (RCB)
Replications: 4 Untreated Arrangement: INCLUDED single control randomized in each block		

No.	Previous Crop	Year
1.	GLXMA	2012

Maintenance	
No.	Maintenance Product Name
1.	N 150 LB/A, P2O5 0 LB/A, K2O 150 LB/A

% OM: 3.4 Texture: SIL silt loam pH: 6.5 Soil Name: Bethalto CEC: 12			Soil Description
Additional Measured Elements			

Element	Quantity	Unit
P1	71	lb/A
K	297	lb/A

Overall Moisture Conditions: ABONOR Closest Weather Station: ICN - Belleville IL		Moisture and Weather Conditions Distance, Unit: 0.5 MI
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No.	Date	Amount	Unit	Type	Type Description	Interval	Unit	Min Temp	Max Temp	Temp Unit
1.	6-2-13					7	DAY	50	80	F
2.	6-9-13					7	DAY	59	94	F
3.	6-10-13	0.48	IN	RAIN	rain	2	DAY			
4.	6-16-13					7	DAY	61	90	F
5.	6-17-13	2.16	IN	RAIN	rain	3	DAY			
6.	6-23-13					7	DAY	64	92	F
7.	6-23-13	5.33	IN	RAIN	rain	2	DAY			
8.	6-26-13	0.46	IN	RAIN	rain	1	DAY			
9.	6-29-13	0.19	IN	RAIN	rain	2	DAY			
10.	6-30-13					7	DAY	61	86	F
11.	7-2-13	2.08	IN	RAIN	rain	2	DAY			
12.	7-7-13					7	DAY	62	94	F
13.	7-10-13	0.2	IN	RAIN	rain	1	DAY			
14.	7-14-13					7	DAY	64	94	F
15.	7-15-13	0.03	IN	RAIN	rain	1	DAY			
16.	7-20-13	0.59	IN	RAIN	rain	1	DAY			
17.	7-21-13					7	DAY	56	91	F
18.	7-26-13	0.03	IN	RAIN	rain	1	DAY			
19.	7-28-13					7	DAY	52	87	F
20.	7-30-13	0.46	IN	RAIN	rain	1	DAY			
21.	8-2-13	0.24	IN	RAIN	rain	1	DAY			
22.	8-4-13					7	DAY	62	87	F
23.	8-8-13	0.03	IN	RAIN	rain	3	DAY			
24.	8-11-13					7	DAY	54	85	F
25.	8-12-13	0.57	IN	RAIN	rain	1	DAY			
26.	8-18-13	0.1	IN	RAIN	rain	1	DAY			
27.	8-18-13					7	DAY	61	91	F

Application Description

	A
Application Date:	7-4-13
Appl. Start Time:	13:00
Appl. Stop Time:	13:30
Application Method:	Spray
Application Timing:	4"W
Application Placement:	BROFOL
Applied By:	RJW
Air Temperature, Unit:	82 F
% Relative Humidity:	55
Wind Velocity, Unit:	2 MPH
Wind Direction:	E
Dew Presence (Y/N):	N
Soil Temperature, Unit:	74 F
Soil Moisture:	ABONOR
% Cloud Cover:	25
Next Moisture Occurred On:	7-10-13
Time to Next Moisture, Unit:	6 DAY

Crop Stage At Each Application

	A
Crop 1 Code, BBCH Scale:	ZEAMD
Stage Scale Used:	DESC
Stage Majority, Percent:	V5
Stage Minimum, Percent:	V4
Stage Maximum, Percent:	V5
Height, Unit:	12 IN
Height Minimum, Maximum:	10 12

Broadleaf Weed Control with F9387 in Corn.

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	A
Pest 1 Code, Type, Scale:	AMBTR W
Stage Majority, Percent:	6
Stage Minimum, Percent:	4
Stage Maximum, Percent:	8
Height, Unit:	5 IN
Height Minimum, Maximum:	4 8
Density, Unit:	0.1 FT2
Pest 2 Code, Type, Scale:	ABUTH W
Stage Majority, Percent:	4
Stage Minimum, Percent:	3
Stage Maximum, Percent:	6
Height, Unit:	4 IN
Height Minimum, Maximum:	2 5
Density, Unit:	0.5 FT2
Pest 3 Code, Type, Scale:	AMATA W
Stage Majority, Percent:	8
Stage Minimum, Percent:	4
Stage Maximum, Percent:	10
Height, Unit:	3 IN
Height Minimum, Maximum:	1 5
Density, Unit:	1 FT2
Pest 4 Code, Type, Scale:	IPOHE W
Stage Majority, Percent:	4
Stage Minimum, Percent:	4
Stage Maximum, Percent:	6
Height, Unit:	3.5 IN
Height Minimum, Maximum:	2 4
Density, Unit:	0.1 FT2

Application Equipment

	A
Appl. Equipment:	CO2 sprayer
Equipment Type:	BACSPR
Operation Pressure, Unit:	30 PSI
Nozzle Type:	XR
Nozzle Size:	8002
Boom Length, Unit:	7.5 FT
Spray Volume, Unit:	15 GPA

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Trial ID: 13-21M-EE50 Location: Belleville Res. Center Trial Year: 2013
Investigator: Bryan Young

Pest Code Crop Code Rating Date Rating Type Rating Unit Rating Timing Trt-Eval Interval									ZEAMD 11-7-13 Moisture Percent	ZEAMD 11-7-13 Test wt. lb/bu	ZEAMD 11-7-13 Yield bu/A	ZEAMD 7-9-13 Necrosis Percent	ZEAMD 7-9-13 Injury Percent	ZEAMD 7-18-13 Necrosis Percent	ZEAMD 7-18-13 Injury Percent	
Trt	Treatment	Form	Form	Rate	Other	Other	Growth	Appl				5 DA-A	5 DA-A	14 DA-A	14 DA-A	
No.	Name	Conc	Type	Unit	Rate	Rate	Unit	Stage	Code							
1	ROUNDUP POWERMAX N-PAK AMS	4.5 SL 100 SL		0.77 lb ae/a 2.5 % v/v	22 fl oz/a 2.5 % v/v		4"W 4"W	A A		21.5 a	55.6 a	210 a	0 c	0 d	0 e	0 d
2	F9387-1 COC (PRIME OIL) N-PAK AMS	4 SC 100 SL 100 SL		0.0625 lb ai/a 1 % v/v 2.5 % v/v	2.0 fl oz/a 1.0 % v/v 2.5 % v/v		4"W 4"W 4"W	A A A		21.7 a	55.6 a	213 a	4 b	4 bc	5 b	5 ab
3	F9387-1 COC (PRIME OIL) N-PAK AMS	4 SC 100 SL 100 SL		0.078 lb ai/a 1 % v/v 2.5 % v/v	2.5 fl oz/a 1.0 % v/v 2.5 % v/v		4"W 4"W 4"W	A A A		20.7 a	55.9 a	218 a	8 a	8 a	6 a	6 a
4	F9387-1 COC (PRIME OIL) N-PAK AMS	4 SC 100 SL 100 SL		0.098 lb ai/a 1 % v/v 2.5 % v/v	3.15 fl oz/a 1.0 % v/v 2.5 % v/v		4"W 4"W 4"W	A A A		21.4 a	55.7 a	226 a	9 a	9 a	5 b	5 ab
5	CALLISTO COC (PRIME OIL) N-PAK AMS	4 SC 100 SL 100 SL		0.094 lb ai/a 1 % v/v 2.5 % v/v	3 fl oz/a 1.0 % v/v 2.5 % v/v		4"W 4"W 4"W	A A A		22.0 a	55.5 a	212 a	0 c	1 d	0 e	1 cd
6	F9387-1 AATREX 4L COC (PRIME OIL) N-PAK AMS	4 SC 4 SC 100 SL 100 SL		0.078 lb ai/a 0.5 lb ai/a 1 % v/v 2.5 % v/v	2.5 fl oz/a 16 fl oz/a 1.0 % v/v 2.5 % v/v		4"W 4"W 4"W 4"W	A A A A		21.3 a	55.7 a	219 a	3 b	3 c	3 c	3 bc
7	F9387-1 AATREX 4L COC (PRIME OIL) N-PAK AMS	4 SC 4 SC 100 SL 100 SL		0.078 lb ai/a 1.5 lb ai/a 1 % v/v 2.5 % v/v	2.5 fl oz/a 48 fl oz/a 1.0 % v/v 2.5 % v/v		4"W 4"W 4"W 4"W	A A A A		21.5 a	55.6 a	234 a	4 b	5 b	3 c	3 bc
8	F9387-1 STATUS NIS (ACTIVATOR 90) N-PAK AMS	4 SC 56 WG 100 SL 100 SL		0.078 lb ai/a 0.0875 lb ae/a 0.25 % v/v 2.5 % v/v	2.5 fl oz/a 2.5 oz/a 0.25 % v/v 2.5 % v/v		4"W 4"W 4"W 4"W	A A A A		21.8 a	55.6 a	220 a	3 b	3 c	1 d	1 cd
9	STATUS NIS (ACTIVATOR 90) N-PAK AMS	56 WG 100 SL 100 SL		0.175 lb ae/a 0.25 % v/v 2.5 % v/v	5 oz/a 0.25 % v/v 2.5 % v/v		4"W 4"W 4"W	A A A		21.3 a	55.7 a	214 a	0 c	0 d	0 e	3 bc
10	CALLISTO AATREX 4L COC (PRIME OIL) N-PAK AMS	4 SC 4 SC 100 SL 100 SL		0.094 lb ai/a 0.5 lb ai/a 1 % v/v 2.5 % v/v	3 fl oz/a 16 fl oz/a 1 % v/v 2.5 % v/v		4"W 4"W 4"W 4"W	A A A A		21.7 a	55.6 a	234 a	0 c	0 d	0 e	1 cd
11	NONTREATED									22.0 a	55.5 a	144 b	0 c	0 d	0 e	0 d
LSD (P=.05)									1.70	0.67	30.5	1.6	1.7	1.0	1.9	
Standard Deviation									1.18	0.46	21.1	1.1	1.2	0.7	1.3	
CV									5.47	0.83	9.92	43.54	43.7	33.7	54.38	
Replicate F									3.296	2.736	5.336	2.310	1.946	1.826	2.347	
Replicate Prob(F)									0.0338	0.0609	0.0046	0.0964	0.1434	0.1637	0.0926	
Treatment F									0.380	0.278	5.358	31.243	27.875	42.625	7.796	
Treatment Prob(F)									0.9456	0.9815	0.0002	0.0001	0.0001	0.0001	0.0001	

Means followed by same letter do not significantly differ (P=.05, LSD)

Mean comparisons performed only when AOV Treatment P(F) is significant at mean comparison OSL.

Missing data estimates are included in columns: Average=19

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Pest Code Crop Code Rating Date Rating Type Rating Unit Rating Timing Trt-Eval Interval							ZEAMD 8-3-13 Stunt Percent 30 DA-A	ZEAMD 8-3-13 Injury Percent 30 DA-A	AMBTR 7-9-13 Control Percent 5 DA-A	AMBTR 7-18-13 Control Percent 14 DA-A	AMBTR 8-3-13 Control Percent 30 DA-A
Trt No.	Treatment Name	Form Conc	Form Type	Rate Rate Unit	Other Rate	Other Rate Unit	Growth Stage	Appl Code			
1	ROUNDUP POWERMAX N-PAK AMS	4.5 SL 100 SL		0.77 lb ae/a 2.5 % v/v	22 fl oz/a 2.5 % v/v	4"W 4"W	A A		0 a	0 a	93 bc 99 a
2	F9387-1 COC (PRIME OIL) N-PAK AMS	4 SC 100 SL 100 SL		0.0625 lb ai/a 1 % v/v 2.5 % v/v	2.0 fl oz/a 1.0 % v/v 2.5 % v/v	4"W 4"W 4"W	A A A		0 a	1 a	84 d 99 a
3	F9387-1 COC (PRIME OIL) N-PAK AMS	4 SC 100 SL 100 SL		0.078 lb ai/a 1 % v/v 2.5 % v/v	2.5 fl oz/a 1.0 % v/v 2.5 % v/v	4"W 4"W 4"W	A A A		1 a	2 a	91 c 99 a
4	F9387-1 COC (PRIME OIL) N-PAK AMS	4 SC 100 SL 100 SL		0.098 lb ai/a 1 % v/v 2.5 % v/v	3.15 fl oz/a 1.0 % v/v 2.5 % v/v	4"W 4"W 4"W	A A A		0 a	2 a	90 c 99 a
5	CALLISTO COC (PRIME OIL) N-PAK AMS	4 SC 100 SL 100 SL		0.094 lb ai/a 1 % v/v 2.5 % v/v	3 fl oz/a 1.0 % v/v 2.5 % v/v	4"W 4"W 4"W	A A A		0 a	0 a	50 f 99 a
6	F9387-1 AATREX 4L COC (PRIME OIL) N-PAK AMS	4 SC 4 SC 100 SL 100 SL		0.078 lb ai/a 0.5 lb ai/a 1 % v/v 2.5 % v/v	2.5 fl oz/a 16 fl oz/a 1.0 % v/v 2.5 % v/v	4"W 4"W 4"W 4"W	A A A A		0 a	0 a	98 ab 99 a
7	F9387-1 AATREX 4L COC (PRIME OIL) N-PAK AMS	4 SC 4 SC 100 SL 100 SL		0.078 lb ai/a 1.5 lb ai/a 1 % v/v 2.5 % v/v	2.5 fl oz/a 48 fl oz/a 1.0 % v/v 2.5 % v/v	4"W 4"W 4"W 4"W	A A A A		0 a	0 a	98 a 99 a
8	F9387-1 STATUS NIS (ACTIVATOR 90) N-PAK AMS	4 SC 56 WG 100 SL 100 SL		0.078 lb ai/a 0.0875 lb ae/a 0.25 % v/v 2.5 % v/v	2.5 fl oz/a 2.5 oz/a 0.25 % v/v 2.5 % v/v	4"W 4"W 4"W 4"W	A A A A		0 a	0 a	80 d 99 a
9	STATUS NIS (ACTIVATOR 90) N-PAK AMS	56 WG 100 SL 100 SL		0.175 lb ae/a 0.25 % v/v 2.5 % v/v	5 oz/a 0.25 % v/v 2.5 % v/v	4"W 4"W 4"W	A A A		0 a	1 a	69 e 98 b
10	CALLISTO AATREX 4L COC (PRIME OIL) N-PAK AMS	4 SC 4 SC 100 SL 100 SL		0.094 lb ai/a 0.5 lb ai/a 1 % v/v 2.5 % v/v	3 fl oz/a 16 fl oz/a 1 % v/v 2.5 % v/v	4"W 4"W 4"W 4"W	A A A A		0 a	0 a	92 c 99 a
11	NONTREATED								0 a	0 a	0 g 0 c
LSD (P= .05)							1.1	2.0	4.6	0.7	0.7
Standard Deviation							0.8	1.4	3.2	0.5	0.5
CV							663.33	258.38	4.19	0.52	0.57
Replicate F							1.000	3.933	1.169	0.925	0.233
Replicate Prob(F)							0.4064	0.0177	0.3378	0.4408	0.8730
Treatment F							1.000	1.246	328.383	16040.673	13593.978
Treatment Prob(F)							0.4654	0.3037	0.0001	0.0001	0.0001

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Broadleaf Weed Control with F9387 in Corn.

Trial ID: 13-21M-EE50 Location: Belleville Res. Center Trial Year: 2013
Investigator: Bryan Young

Pest Code Crop Code Rating Date Rating Type Rating Unit Rating Timing Trt-Eval Interval							ABUTH 7-9-13 Control Percent 5 DA-A	ABUTH 7-18-13 Control Percent 14 DA-A	ABUTH 8-3-13 Control Percent 30 DA-A	AMATA 7-9-13 Control Percent 5 DA-A	AMATA 7-18-13 Control Percent 14 DA-A	AMATA 8-3-13 Control Percent 30 DA-A
Trt No.	Treatment Name	Form Conc	Form Type	Rate Rate	Unit Unit	Other Rate	Other Rate	Growth Unit	Stage	Appl Code		
1	ROUNDUP POWERMAX N-PAK AMS	4.5 SL 100 SL		0.77 lb ae/a 2.5 % v/v		22 fl oz/a 2.5 % v/v		4"W 4"W	A A		97 a	98 b
2	F9387-1 COC (PRIME OIL) N-PAK AMS	4 SC 100 SL 100 SL		0.0625 lb ai/a 1 % v/v 2.5 % v/v		2.0 fl oz/a 1.0 % v/v 2.5 % v/v		4"W 4"W 4"W	A A A		99 a	99 a
3	F9387-1 COC (PRIME OIL) N-PAK AMS	4 SC 100 SL 100 SL		0.078 lb ai/a 1 % v/v 2.5 % v/v		2.5 fl oz/a 1.0 % v/v 2.5 % v/v		4"W 4"W 4"W	A A A		99 a	99 a
4	F9387-1 COC (PRIME OIL) N-PAK AMS	4 SC 100 SL 100 SL		0.098 lb ai/a 1 % v/v 2.5 % v/v		3.15 fl oz/a 1.0 % v/v 2.5 % v/v		4"W 4"W 4"W	A A A		99 a	99 a
5	CALLISTO COC (PRIME OIL) N-PAK AMS	4 SC 100 SL 100 SL		0.094 lb ai/a 1 % v/v 2.5 % v/v		3 fl oz/a 1.0 % v/v 2.5 % v/v		4"W 4"W 4"W	A A A		72 b	99 a
6	F9387-1 AATREX 4L COC (PRIME OIL) N-PAK AMS	4 SC 4 SC 100 SL 100 SL		0.078 lb ai/a 0.5 lb ai/a 1 % v/v 2.5 % v/v		2.5 fl oz/a 16 fl oz/a 1.0 % v/v 2.5 % v/v		4"W 4"W 4"W 4"W	A A A A		99 a	99 a
7	F9387-1 AATREX 4L COC (PRIME OIL) N-PAK AMS	4 SC 4 SC 100 SL 100 SL		0.078 lb ai/a 1.5 lb ai/a 1 % v/v 2.5 % v/v		2.5 fl oz/a 48 fl oz/a 1.0 % v/v 2.5 % v/v		4"W 4"W 4"W 4"W	A A A A		99 a	99 a
8	F9387-1 STATUS NIS (ACTIVATOR 90) N-PAK AMS	4 SC 56 WG 100 SL 100 SL		0.078 lb ai/a 0.0875 lb ae/a 0.25 % v/v 2.5 % v/v		2.5 fl oz/a 2.5 oz/a 0.25 % v/v 2.5 % v/v		4"W 4"W 4"W 4"W	A A A A		99 a	99 a
9	STATUS NIS (ACTIVATOR 90) N-PAK AMS	56 WG 100 SL 100 SL		0.175 lb ae/a 0.25 % v/v 2.5 % v/v		5 oz/a 0.25 % v/v 2.5 % v/v		4"W 4"W 4"W	A A A		73 b	80 c
10	CALLISTO AATREX 4L COC (PRIME OIL) N-PAK AMS	4 SC 4 SC 100 SL 100 SL		0.094 lb ai/a 0.5 lb ai/a 1 % v/v 2.5 % v/v		3 fl oz/a 16 fl oz/a 1 % v/v 2.5 % v/v		4"W 4"W 4"W 4"W	A A A A		97 a	99 a
11	NONTREATED										0 c	0 d
LSD (P= .05)							3.8	0.5	0.7	2.6	0.5	1.0
Standard Deviation							2.7	0.3	0.5	1.8	0.3	0.7
CV							3.13	0.39	0.54	2.07	0.39	0.78
Replicate F							0.668	1.000	0.784	0.192	0.714	0.492
Replicate Prob(F)							0.5783	0.4064	0.5121	0.9010	0.5512	0.6903
Treatment F							511.479	29289.603	15314.178	1119.614	30446.925	7209.444
Treatment Prob(F)							0.0001	0.0001	0.0001	0.0001	0.0001	0.0001

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Pest Code Crop Code Rating Date Rating Type Rating Unit Rating Timing Trt-Eval Interval							IPOHE 7-9-13 Control Percent 5 DA-A	IPOHE 7-18-13 Control Percent 14 DA-A	IPOHE 8-3-13 Control Percent 30 DA-A
Trt No.	Treatment Name	Form Conc	Form Type	Rate Rate Unit	Other Rate	Other Rate Unit	Growth Stage	Appl Code	
1	ROUNDUP POWERMAX N-PAK AMS	4.5 SL 100 SL		0.77 lb ae/a 2.5 % v/v	22 fl oz/a 2.5 % v/v	4"W 4"W	A A		68 d 95 d 96 bcd
2	F9387-1 COC (PRIME OIL) N-PAK AMS	4 SC 100 SL 100 SL		0.0625 lb ai/a 1 % v/v 2.5 % v/v	2.0 fl oz/a 1.0 % v/v 2.5 % v/v	4"W 4"W 4"W	A A A		89 c 96 cd 96 d
3	F9387-1 COC (PRIME OIL) N-PAK AMS	4 SC 100 SL 100 SL		0.078 lb ai/a 1 % v/v 2.5 % v/v	2.5 fl oz/a 1.0 % v/v 2.5 % v/v	4"W 4"W 4"W	A A A		94 abc 96 bcd 97 bcd
4	F9387-1 COC (PRIME OIL) N-PAK AMS	4 SC 100 SL 100 SL		0.098 lb ai/a 1 % v/v 2.5 % v/v	3.15 fl oz/a 1.0 % v/v 2.5 % v/v	4"W 4"W 4"W	A A A		94 abc 97 a-d 98 abc
5	CALLISTO COC (PRIME OIL) N-PAK AMS	4 SC 100 SL 100 SL		0.094 lb ai/a 1 % v/v 2.5 % v/v	3 fl oz/a 1.0 % v/v 2.5 % v/v	4"W 4"W 4"W	A A A		54 e 96 cd 96 cd
6	F9387-1 AATREX 4L COC (PRIME OIL) N-PAK AMS	4 SC 4 SC 100 SL 100 SL		0.078 lb ai/a 0.5 lb ai/a 1 % v/v 2.5 % v/v	2.5 fl oz/a 16 fl oz/a 1.0 % v/v 2.5 % v/v	4"W 4"W 4"W 4"W	A A A A		98 a 98 abc 97 abc
7	F9387-1 AATREX 4L COC (PRIME OIL) N-PAK AMS	4 SC 4 SC 100 SL 100 SL		0.078 lb ai/a 1.5 lb ai/a 1 % v/v 2.5 % v/v	2.5 fl oz/a 48 fl oz/a 1.0 % v/v 2.5 % v/v	4"W 4"W 4"W 4"W	A A A A		98 a 99 a 99 a
8	F9387-1 STATUS NIS (ACTIVATOR 90) N-PAK AMS	4 SC 56 WG 100 SL 100 SL		0.078 lb ai/a 0.0875 lb ae/a 0.25 % v/v 2.5 % v/v	2.5 fl oz/a 2.5 oz/a 0.25 % v/v 2.5 % v/v	4"W 4"W 4"W 4"W	A A A A		96 ab 96 cd 97 abc
9	STATUS NIS (ACTIVATOR 90) N-PAK AMS	56 WG 100 SL 100 SL		0.175 lb ae/a 0.25 % v/v 2.5 % v/v	5 oz/a 0.25 % v/v 2.5 % v/v	4"W 4"W 4"W	A A A		70 d 75 e 98 abc
10	CALLISTO AATREX 4L COC (PRIME OIL) N-PAK AMS	4 SC 4 SC 100 SL 100 SL		0.094 lb ai/a 0.5 lb ai/a 1 % v/v 2.5 % v/v	3 fl oz/a 16 fl oz/a 1 % v/v 2.5 % v/v	4"W 4"W 4"W 4"W	A A A A		91 bc 99 ab 98 ab
11	NONTREATED								0 f 0 f 0 e
LSD (P= .05)							5.6	2.2	1.5
Standard Deviation							3.9	1.5	1.1
CV							4.99	1.79	1.22
Replicate F							1.209	1.472	0.072
Replicate Prob(F)							0.3233	0.2428	0.9743
Treatment F							235.442	1441.887	2982.566
Treatment Prob(F)							0.0001	0.0001	0.0001

Broadleaf Weed Control with F9387 in Corn.

Trial ID: 13-21M-EE50 Location: Belleville Res. Center Trial Year: 2013
Investigator: Bryan Young

Trial Comments

1. Protocol: FMC (NA13-1115A).
2. Ratings: CI / Necrosis 5 and 14 DA-A; CI / Stunt 30 DA-A. WC 5, 14, and 30 DA-A.
3. Photos to show weed size/height at application.
4. Photos at each evaluation.
5. Evaluations at 30 DA-A should include new emergence.
6. Apply treatments when 75% of weeds are 4 inch in height.
7. The planned blanket PRE application of Dual II Magnum (0.5 pt/A) for grass suppression, was applied to the entire area 10 ft wide on 6-15-13, however due to heavy rain right after planting and the reduced corn emergence a few days later, the trial was relocated. The PRE application was not made at the relocated area, but grass pressure was low.
8. Yield.
9. Following the 4"W application the first rainfall event, beginning 6 days later, was 0.20 inch over 1 day.
- 10 Harvested 11-7-13, (2) 30 inch rows by 27 ft.